

THOMSON TG151 - Fiber to Ethernet Converter



Data // Voice // Video

TELECOM

CABLE

SATELLITE

TERRESTRIAL

Wire with Fiber

Ethernet has always been the gold standard in network connectivity for its speed and reliability. The downside however is the wiring needed between all network components such as PCs, settop boxes, game consoles, etc. . . . The Ethernet cabling can be an expensive and messy experience.

Why not opt for Plastic Optical Fiber as Home Networking Technology?

Experience very high bandwidth for in-house video and picture streaming, and for data and voice transfer. It is a simple plug and play solution, with inexpensive installation costs.

Plastic Optical Fiber is a proven technology widely used in the automotive industry, interconnecting navigation systems, car audio, and phones to provide a mutual usage system.

Plastic Optical Fiber does not create any electromagnetic interference, nor is it affected by it. Anyone can work with Plastic Optical Fiber, which makes it ideal for in-house usage.

| Easy to Wire, Reliable Solution for Multiple Digital TV Home Connectivity

With the THOMSON TG151, users of Thomson gateways can experience a wired solution with a bandwidth performance of up to 100 Mbps, making it ideal for multiple HD video streams and transportation of voice and data.

The POF solution delivers guaranteed Quality of Service – it secures a constant bandwidth, while providing the necessary security in the Connected Home.

| Cut and Plug, Plug and Play

The THOMSON TG151 takes advantages of the innovative, easy-to-use fiber coupling technology in which the fiber is cut with a pair of scissors and inserted into a receptacle without a connector. Because the POF converter employs standard Ethernet interfaces, it makes sure the plug-and-play device requires no configuration. It is simple in use, and does not require any expensive equipment.

For operators it is the cheapest wired solution, as there are no installation costs at all.

| Super Flexible

The Plastic Optical Fiber has a diameter of 1.4 mm, making it almost invisible in the home environment, and with the bending radius less than 25 mm, it provides the end-user an unknown flexibility to wire the house.

Technical Specification

Network Protocol & Standards Compatibility

- IEEE 802.3 10Base-T
- IEEE 802.3u 100Base-TX and 100Base-FX
- IEEE 802.3x Flow Control

LED Indicators

- Copper Link / Act— Green
- Fiber Link / Act— Green
- Power— Green

Physical Environment

- DC Input
 - 5V / 0.8A
- Temperature
 - Operating: 0 - 40°
 - Storage: -25 - 70°
- Humidity:
 - Storage: 5% - 90% maximum relative
- Dimensions
 - 90 x 23 x 25mm
- Emission
 - CE mark
- Country Version:
 - EU
- Transmission Distance
 - POF link to 40m
 - Cat.5 link to 100m

Content of the Box

- 2 x POF to Ethernet Converters
- 2 power supplies
- 30m of POF cable
- User documentation
- Safety leaflet



For more information

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